

Amendments to the Specification

Please add the following new heading before paragraph [0001]:

FIELD OF THE INVENTION

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present invention relates to a gas turbine, ~~an aircraft engine in particular, according to the definition of the species in Patent Claim 1. Furthermore, the present invention relates to~~ and a method for generating electrical power in a gas turbine, and an aircraft engine in particular ~~, according to the definition of the species in Patent Claim 16.~~

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please add the following new heading before paragraph [0006]:

SUMMARY OF THE INVENTION

Please replace paragraph [0006] with the following amended paragraph:

[0006] Based on the aforementioned, ~~the~~ an object of the present invention is to create a novel gas turbine, a novel aircraft engine in particular, and a novel method for generating electrical power in a gas turbine, an aircraft engine in particular.

Please replace paragraph [0007] with the following amended paragraph:

[0007] ~~This object is achieved in that the initially mentioned gas turbine is improved by the features of the characterizing portion of Patent Claim 1. In accordance with the present invention, a gas turbine comprises a core engine including a high pressure compressor and a shaft connected thereto for driving said high speed compressor. An electrical power generator generates electrical power from the shaft and from compressed air drawn from the high-pressure compressor.~~

Please delete paragraph [0010].

Please delete paragraph [0011].

Please add the following new heading before paragraph [0012]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0016]:

DETAILED DESCRIPTION

Please replace paragraph [0026] with the following amended paragraph:

[0026] Switching between these two states of high-pressure compressor 17 takes place via control means 29. In the exemplary embodiment shown, control means 29 is designed as an ECU (energy control unit). Valve 22, clutch 27, and both generators 21 and 26 are controllable via control means 29 as it is indicated by arrows 30 in Figure2. Switching between the two operating states for generating electrical power takes place either on the basis of criteria stored in control means 29 or on the basis of measured values 31 which are conveyed to control means 29. Measured values 31 may be, for example, the measured compression ratio π , measured rotational speeds n, or measured temperatures T. Criteria on the basis of which switching between the two operating states or connection or disconnection of air turbine 23 takes place for generating electrical power by withdrawing compressed air from main compressor-high-pressure compressor 17 may be calculated from the measured values in control means 29.

Please amend the heading on top of page 8 as follows:

~~PATENT CLAIMS:WHAT IS CLAIMED IS:~~